

10/62/01
j1054 U.S. PTO

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
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Please type a plus sign (+) inside this box

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. M4065.0014/P014-B

First Inventor Larry D. Kinsman

Title LOW PROFILE BALL GRID ARRAY, etc.

Express Mail Label No.

10/29/01
USPTO
JC96

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 31]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Pages 3]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Box Patent Application
Commissioner for Patents
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: _____

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/028,646

Prior application information: Examiner R. Potter Group / Art Unit: 2822

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or Correspondence address below

Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico				
Address	2101 L Street NW				
City	Washington	State	DC	Zip Code	20037-1526
Country	US	Telephone	(202) 785-9700		Fax (202) 887-0689

Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	28,371	
Signature			Date	August 29, 2001

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10/62/01

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 710.00)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	August 29, 2001
First Named Inventor	Larry D. Kinsman
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	M4065.0014/P014-B

METHOD OF PAYMENT

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 04-1073

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
101	710	201	355
		Utility filing fee	710.00
106	320	206	160
		Design filing fee	
107	490	207	245
		Plant filing fee	
108	710	208	355
		Reissue filing fee	
114	150	214	75
		Provisional filing fee	
SUBTOTAL (1) (\$)			710.00

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 6	-20** = <input type="checkbox"/> X <input type="checkbox"/> = 0.00	
Independent Claims 2	-3** = <input type="checkbox"/> X <input type="checkbox"/> = 0.00	
Multiple Dependent		

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65
		Surcharge – late filing fee or oath	
127	50	227	25
		Surcharge – late provisional filing fee or cover sheet	
139	130	139	130
		Non-English specification	
147	2,520	147	2,520
		For filing a request for ex parte reexamination	
112	920*	112	920*
		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*
		Requesting publication of SIR after Examiner action	
115	110	215	55
		Extension for reply within first month	
116	390	216	195
		Extension for reply within second month	
117	890	217	445
		Extension for reply within third month	
118	1,390	218	695
		Extension for reply within fourth month	
128	1,890	228	945
		Extension for reply within fifth month	
119	310	219	155
		Notice of Appeal	
120	310	220	155
		Filing a brief in support of an appeal	
121	270	221	135
		Request for oral hearing	
138	1,510	138	1,510
		Petition to institute a public use proceeding	
140	110	240	55
		Petition to revive – unavoidable	
141	1,240	241	620
		Petition to revive - unintentional	
142	1,240	242	620
		Utility issue fee (or reissue)	
143	440	243	220
		Design issue fee	
144	600	244	300
		Plant issue fee	
122	130	122	130
		Petitions to the Commissioner	
123	50	123	50
		Processing fee under 37 CFR 1.17(q)	
126	180	126	180
		Submission of Information Disclosure Stmt	
581	40	581	40
		Recording each patent assignment per property (times number of properties)	
146	710	246	355
		Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355
		For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355
		Request for Continued Examination (RCE)	
169	900	169	900
		Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (print/type) Thomas J. D'Amico

Registration No. (Attorney/Agent) 28,371

Telephone (202) 828-2232

Signature

Date August 29, 2001

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179	710*	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

SUBTOTAL (1) (\$ 710.00)

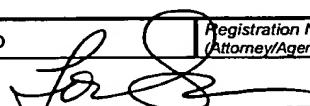
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

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Signature					Date	August 29, 2001